

ANNUAL REPORT  
OF THE  
AUCKLAND INSTITUTE  
AND  
MUSEUM  
FOR  
1921-1922.

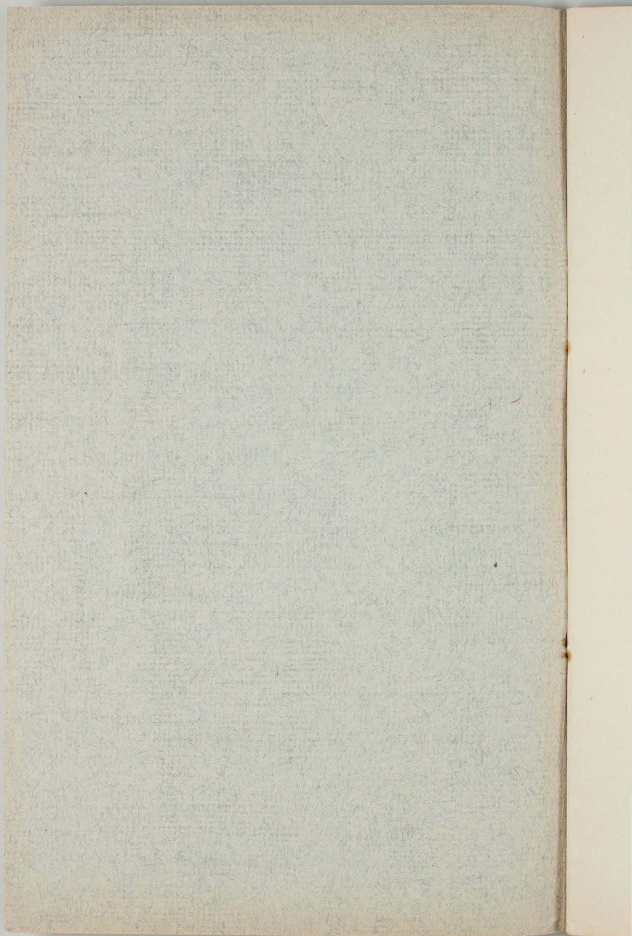
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ADOPTED AT THE ANNUAL MEETING  
HELD FEBRUARY 27th, 1922.

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AUCKLAND:  
Wilson & Horton, Printers, Queen and Wyndham Streets.  
1922

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1921 to 1922



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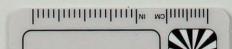
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OFFICERS  
OF THE  
AUCKLAND INSTITUTE,  
1922-1923.

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**President:**

J. H. GUNSON, Esq., C.M.G., Mayor of Auckland.

**Vice-Presidents:**

SIR E. MITCHELSON, M.L.C.

HON. C. J. PARR, C.M.G., M.P.

**Council:**

BUCK, P., M.D., D.S.O.  
KENDERDINE, J.  
LEYS, T. W., LL.D.  
LUNN, A. J.  
MILLER, E. V.

PETRIE, D., M.A.  
SEGAR, PROF. H. W., M.A.  
THOMAS, PROF. A. P. W., M.A., F.L.S.  
VAILE, H. E.  
WORLEY, PROF. F. P., D.Sc.

*Upton, J. H.*  
**Representatives of the Auckland City Council:**

ENTRICAN, A. J.

WARNOCK, J. A.

**Trustees:**

UPTON, J. H.      VAILE, H. E.  
THOMAS, PROF. A. P. W.

**Secretary and Curator:**

T. F. CHEESEMAN, F.L.S., F.Z.S.

**Assistant and Preparator of Specimens:**

L. T. GRIFFIN, F.Z.S.

**Auditor:**

S. GRAY, F.R.A.

The following  
Periodicals and Publications of  
Societies

are subscribed to by the Institute:

NATURE.  
SCIENCE.  
DISCOVERY.  
THE PHILOSOPHICAL MAGAZINE.  
THE AMERICAN JOURNAL OF SCIENCE.  
AMERICAN CHEMICAL JOURNAL.  
THE ELECTRICIAN.  
THE PHYSICAL REVIEW.  
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES.  
ANNALS AND MAGAZINE OF NATURAL HISTORY.  
QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE.  
ANNALS OF BOTANY.  
THE BOTANICAL GAZETTE.  
THE GARDENER'S CHRONICLE.  
JOURNAL OF AGRICULTURAL SCIENCE.  
THE GEOLOGICAL MAGAZINE.  
SCIENCE PROGRESS.  
THE ECONOMIC JOURNAL.  
THE LANCET.  
MIND.

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TRANSACTIONS AND PROCEEDINGS OF THE ROYAL SOCIETY.  
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL SOCIETY.  
THE ZOOLOGICAL RECORD.  
PUBLICATIONS OF THE RAY SOCIETY.  
JOURNAL OF THE CHEMICAL SOCIETY.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY.  
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.  
JOURNAL OF THE ROYAL AGRICULTURAL SOCIETY.  
THE GEOGRAPHICAL JOURNAL.  
REPORT OF THE BRITISH ASSOCIATION.  
JOURNAL OF THE STATISTICAL SOCIETY.

## Report of the Council.

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At the close of another year, it is the privilege and duty of the Council to present to the members their Fifty-fourth Annual Report on the financial and general condition of the Society, and the progress it has made during the year.

**Members.**—The number of new members elected since the last annual meeting has been 29. Against this, 25 names have been removed, 11 from death, and 14 from resignation or non-payment of subscription for more than two consecutive years. There is thus a net gain of 4, the number on the roll at the present time being 454.

The number of members removed by death is considerably above the average, and includes several names that have long been associated with the Society. Prominent among these is that of Mr. T. Peacock, who for a period of 54 years has been intimately associated with the affairs and progress of the Institute. Mr. Peacock was one of those Auckland citizens, who, at a public meeting held in November, 1867, took the preliminary steps to found the Institute and Museum. He was a member of its first Council, elected in February, 1868, and with the exception of very few years, has served on that body ever since. In 1881 he was elected President, and in 1885 he was appointed a Trustee, a post which he held to the time of his death, during most of the period acting as Chairman. It is largely through his careful attention to the business affairs of the Institute that its financial position is in its present satisfactory condition. The Council are desirous of expressing their grateful recognition of the advantages which the Institute has derived from the soundness of his judgment, and his long devotion to its best interests.

Among other deceased members, Mr. H. Atkinson will long be remembered from his gift to the city of the charming Atkinson Park, Titirangi. Mr. J. Dunning is well known from his splendid donation to the Museum of a series of skins of the larger North American Mammals, a gift which, unfortunately, cannot be exhibited until the erection of the new Museum provides additional space.

**Finance.**—Full information respecting the financial position of the Society is given in the balance-sheets appended to the report. These show that the total revenue of the Working Account, after deducting the balance in hand at the beginning of the year, has been £1,918 18s 2d, showing an increase of £51 12s 7d on the amount for the previous year. Examining the chief items of the

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balance-sheet, it will be seen that the Museum Endowment has realised in rents and interest the sum of £772 0s 11d, as against £764 12s 10d for the previous year. £411 has been derived from the invested funds of the Costley Bequest, the amount for the previous year being £466 10s. The members' subscriptions have realized £425 5s, almost exactly the same sum as that received last year; but a new entry of £115 appears under the heading of "Special Subscriptions," being the amount contributed by certain members of the Institute towards the purchase of a highly-desirable addition to the Museum, particulars of which will be given on a later page of the report. The total expenditure has been £2,074 7s 11d, and the cash balance in hand is £218 3s 7d.

The invested funds of the Society have received a small addition of £35 2s 7d during the year, on account of sales of Museum Endowments. The total amount, which now stands at £23,246 11s 4d, has had the careful supervision of the Trust Board, and is suitably invested in approved securities. The manner in which the funds are invested, and their apportionment, are detailed in the appendix to the balance-sheet.

**Meetings.**—Ten meetings have been held during the year, at which various lectures were delivered, and an opportunity offered for discussion. Several papers and memoirs have also been forwarded for publication in the Transactions of the New Zealand Institute. The following is a complete list of both lectures and papers.

### I.—LECTURES.

1. The Functions and Work of the Royal Colonial Institute: By Major Boosè.
2. Animal Experiments and Medical Advance: By Dr. K. Mackenzie.
3. The Pre-European Peopling of New Zealand: By Dr. Buck, D.S.O.
4. The Modern Theory of the State: By Professor W. Anderson.
5. The Kauri Gum Industry: By Professor F. P. Worley, M.A., M.Sc.
6. Micro-organisms and War: By F. L. Armitage.
7. The Scientific Measurement of Intelligence: the Process and its Application to Education and Industry: By Dr. J. W. McIlraith, M.A.
8. Glaciers of the Past and the Present: By J. A. Bartrum, M.Sc.
9. The Upper Layers of the Atmosphere: By Professor P. W. Burbidge, M.Sc.

## II.—PAPERS OR MEMOIRS.

10. Additions to the Fish-fauna of New Zealand: By L. T. Griffin, F.Z.S.
11. Descriptions of New Native Flowering Plants: By D. Petrie.
12. Notes on *Pittosporum obcordatum*: By G. O. K. Sainsbury.
13. New Species of Flowering Plants: By T. F. Cheeseman, F.L.S., F.Z.S.
14. Some additions to the Flora of the Higher Waimarino District: By H. Carse.
15. Maori Anthropometry, No. 1, Racial Averages: By Dr. Buck, D.S.O. (Te Rangihiroa).
16. Maori Basketry and Plaiting: By Dr. Buck, D.S.O. (Te Rangihiroa).

The attendance at the meetings has been remarkably good, and much interest is evidently taken in the lectures. This is as it should be, for one of the chief aims of the Institute is to provide popular scientific lectures on subjects of general interest to the community. The total cost of the course of lectures is not less than £100 per annum, and the time and trouble expended by lecturers and organizers is large. It is, therefore, gratifying to the Council to find that their efforts are appreciated by the people of Auckland.

**Library.**—The amount actually expended on the Library during the year has been £204 17s 7d, but some accounts for periodicals and binding are still outstanding. About 70 volumes of books, a list of which is given in the appendix to the Report, have been purchased during the year, and placed in the Library. It was hoped to forward other orders to London before this time, but funds have not been available. The magazines and serial publications subscribed to, a list of which appears on another page, have been regularly received, and made available for the use of members. A considerable expenditure has been incurred in binding the back numbers of these publications—a work which has been delayed owing to the difficulty in obtaining the necessary leather in Auckland. The usual presentations and exchanges have been received from foreign Societies, and several donations from private individuals have been added to the Library. Among these, special reference should be made to a complete set of the first 10 volumes of Curtis' Botanical Magazine, the early parts of which are now difficult to obtain, presented by Sir Edwin Mitchelson, M.L.C., also Baker's Hardwoods of Australia, and Baker and Smith's Eucalypts and their Essential Oils, donated by the Technological Museum, Sydney.

It is advisable to point out that the development of the Library is being much hampered by the great increase since the war in the price of books and the cost of periodicals and binding. Under each



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of these headings the cost is nearly or quite double what it was ten years ago; so that the progress of the Library has necessarily become slower than it should be.

**Museum.**—With the exception of the usual short period devoted to cleaning and rearrangement, the Museum has been open to the public daily throughout the year. The attendance has been excellent, although not quite equal to that of the two preceding years. Taking the Sunday visitors first, the register kept by the Janitor shows that 19,210 people entered the building on that day, being an average of 384 for each Sunday. The greatest attendance on any one day was 749 on June 5th, and the smallest 158 on January 8th. On the nine chief holidays of the year the total number of visitors amounted to 6,313, an average of 701 for each holiday. The largest holiday attendance was 1,575 on Anzac Day; the next largest 992 on Labour Day. From the want of recording mechanism, it is not possible to give the actual number of visitors on ordinary week days, but taking occasional counts as a basis for calculation, it is believed that the average daily attendance can be safely taken at about 250, which would give a total of 75,750. Adding to this the figures already stated for Sundays and holidays, the grand total become 101,273.

In the report for last year, the Council briefly stated that in the present overcrowded condition of the Museum it is no longer possible to make any changes of importance in the arrangement or classification of the collections, or, in fact, to do more than to keep them in good order and condition. At the same time, all new additions are being carefully received and suitably displayed for the inspection of visitors.

The additions and donations received during the year have been more than ordinarily numerous and valuable, but only the more important can be mentioned here. In the first rank must be placed the now celebrated Kaitaia Lintel. Evidently of ancient date, and found in a district bearing incontestable signs of former aboriginal occupancy, it nevertheless differs from all ancient Maori carving. It gives an impression of Melanesian origin, but no carving of similar character is known from Melanesia. As most authorities consider that it is of pre-Maori age, the best view to take of its history is that it is a relic of the ancient Maruiwi, a race long antecedent to the present Maori. But much enquiry and many comparisons are required before a tenable theory can be offered to explain its origin, and give a clue to the history of the people who made it. It can safely be said that no wooden carving has been found in New Zealand that offers so many problems for discussion. The Council have pleasure in stating that they have been able to purchase the carving, which is now the property of the

Museum. Thanks are due to Mr. D. M. Wilson, District Surveyor, for giving early intimation of its discovery to the Curator, and for valuable aid in the negotiations with the finder.

Next in importance to the Kaitaia Lintel is a carved stone effigy of Horo-i-rangi, the legendary Goddess or Protector of the Ngati-tuora, a hapu of the Arawa tribe. The carving formerly stood at the base of a rhyolitic cliff at Tihi-o-tonga, about six miles south-west of Rotorua, and just below the site of an ancient village said to have been the residence of Tutanekai, so well-known in Maori history as the lover of Hinemoa. As the figure is at least 300 years old, and has many associations, it was evidently desirable to protect it from the further ravages of time. With the consent of the Maori owners, the Museum was therefore glad to accept the offer of Mr. E. E. Vaile, of Broadlands, Waitapu, to bear the expense of chiselling the figure from the cliff-face, transporting it to Rotorua, and forwarding it to Auckland by rail. Stone representations of the human figure were not common among the Maoris, and the Museum is, therefore, indebted to Mr. Vaile for an unusual and valuable addition.

In a small collection presented by Mr. W. A. Aldred (who has since unfortunately died) are three of the so-called "God-sticks" or Atua Whawhai. These are little carved wooden images in which an "atua" or god was supposed to take up a temporary residence, and then to declare his wishes through the voice of a tohunga or priest. Such articles are exceedingly rare, the specimens mentioned being the first to reach any New Zealand Museum. Mr. Aldred's gift, which has been in the possession of the Aldred family since 1848, is therefore an exceedingly welcome addition to the Museum.

Other important additions to the Maori collections are a carved bone pendant of unusual type, presented by Mrs. Lushington; two fine taiahas, an onewa mere, and a whale's bone patu, together with several minor articles, presented by Sir Edwin Mitchelson, M.L.C., on behalf of an Auckland gentleman; an ancient feather box of unusual type, donated by Mr. G. Graham; and finally a series of 40 water-colour sketches of Maori tattooing prepared by General Robley, and being part of the original sketches for his book on Maori Tattooing; purchased from Mr. Fildes.

In foreign ethnography the most important addition consists of two Chinese Temple bronzes about 7ft. high, with a circumference of more than 6ft., the exterior adorned with beautifully modelled representations of mythical animals. Bronzes of this size seldom leave China, and it is interesting to learn that the two in question were presented, about 1812, to General Macquarie, then Governor of New South Wales, in return for certain services rendered by him

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to China. After Governor Macquarie's death, the bronzes passed through several hands, and were ultimately brought to Auckland by an Art Dealer. Here they were seen and admired by many people; and finally, at the instigation of Mr. H. E. Vaile, were bought by the subscription of seven Auckland residents and presented to the Museum. A small sum required to complete the purchase was made up by the Institution itself, the owner of the bronzes reducing the price to considerably below the actual value. Other foreign articles deserving mention are an excellent suit of ancient Japanese armour, lined with chain-mail, donated by Mrs. Fyffe-Smith, and a remarkable carved screen from the Solomon Islands, presented by the Rev. W. A. Sinclair, at the invitation of Mr. J. W. Court.

In last year's report, mention was made of Mr. J. B. Turner's donation of his collection of Fijian and Polynesian ethnographical specimens. It has taken almost a lifetime to form this collection, and its extent and value are so great as to justify the setting apart of a considerable amount of space for its proper arrangement and exhibition. In planning the new building, therefore, the Council has arranged for a hall 130ft. x 60ft. for foreign ethnology. This will give ample space for the proper exhibition, on modern lines, of both Mr. Turner's gift and the large collections already belonging to the Museum. In the meantime, Mr. Turner is engaged in cataloguing his collection in such a manner as to preserve, as far as possible, a knowledge of the history of the specimens.

Few Zoological specimens have been acquired during the year, the most noteworthy being a series of New Zealand bird-skins purchased from a collector of old standing; several bird-skins presented by Mr. G. Henning, and a specimen of the rare frog *Liopelma Hamiltoni*, contributed by the Dominion Museum. This species has a very narrow range, and is apparently limited to Stephen's Island, in Cook Strait.

Finally, the Council have to record their special thanks to Mr. D. Petrie for his very welcome gift of one of R. and J. Beck's large first-class Microscopes. This supplies the work-room of the Museum with a much needed instrument, which will doubtless prove to be of essential value in many investigations.

**The War Memorial Museum and the Appeal for Funds.**—At the last annual meeting, held February 28, 1921, the Council gave a full account of what had been done up to the date of the meeting. Summarizing this in as few words as possible, and taking as a starting point the Citizens' decision that the War Memorial for the City of Auckland should consist of a combined Museum and War Memorial, to be erected on Observatory Hill, in the Auckland Domain, it was obvious that the first step was to obtain information

as to the character of the building, and its probable cost. This being done, an application was made to the Premier to ascertain what assistance would be rendered by the State, and a reply was received to the effect that a grant of £25,000 would be made if a similar sum was obtained by public subscription. The major financial institutions of the City were then approached, with the result that the Auckland Savings Bank at once contributed the amount of £25,000, and the Auckland Racing Club £5,250.

It was now evident that the time had arrived for setting up an organization to lead the appeal for funds, and generally to act on behalf of the contributors. A public meeting was therefore held on October 22, 1920, when a Citizens' Committee was appointed to promote and organize an appeal for funds to erect on the Auckland Domain a War Memorial Museum, all questions arising therefrom being referred to the Committee with power to act. With slight exceptions, this was the position of affairs at the time of the last annual meeting of the Institute.

The Citizens' Committee entered upon its duties with alacrity, and so far the result has been in every way satisfactory. In addition to the contributions already mentioned of £25,000 each from the New Zealand Government and the Auckland Savings Bank, and that of £5,250 from the Auckland Racing Club, the following noteworthy donations have been announced:—City Council, £10,000; Harbour Board, £5,000; New Zealand Insurance Co., £2,000; South British Insurance Co., £2,000; the Bank of New Zealand, £1,000. This makes a total of £75,250 from public institutions alone. In addition to that amount, the committee has obtained donations from many of the chief business firms in the city, bringing up the total at the present time to about £122,000. Of this sum over £80,000 has been received and invested.

The objective of the fund has been fixed at £200,000, it being the opinion of the Citizens' Committee that such a sum will be required to erect a War Memorial that will suitably commemorate New Zealand's share in the Great War, and at the same time give full recognition of the priceless services of its soldiers and sailors. As the amount in hand or promised was sufficiently large to justify the opinion of the Committee that the full sum required will be obtained, it was decided to call for competitive designs for the building. These designs are alternative, one being for a building of a comparatively plain character, the cost of which is not to exceed £120,000, the other for a building of more ornate style, the cost of which is limited to £170,000. The style of the memorial will, therefore, largely depend on the response made by the public to the appeal for funds.

As the conditions for the competitive designs, as first issued, were in some respects in conflict with the rules of the New Zealand



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Institute of Architects, a conference between the two bodies was arranged for and held. After friendly discussion, modifications were made in two clauses, which have removed the objections of the Architects, and both bodies are now actively co-operating. It is gratifying to be able to state that much interest is being taken in the forthcoming competition, not only in New Zealand and Australia, but also in Great Britain, where the British Institute of Architects is giving much valuable help. It may be regarded as quite certain that numerous designs will be received. The final date for receiving designs, which has been twice extended, has been definitely fixed for June 30th. The Citizens' Committee has resolved that when the competition has been closed, and the winning design is known, a selection from the most noteworthy designs will be exhibited, and the public appeal for funds, which has been held over for a few months, will be again resumed. Citizens and their friends will then learn something of the character and appearance of the proposed building, which the promoters trust and hope will answer their fullest expectations.

In closing this report, the Council must congratulate the members on the progress that has been made during the year—progress that has brought the Institution within a closer distance of its chief objectives—the erection of a suitable building, which in itself should be noble, dignified and attractive, to serve as the future home of the Auckland Museum, and also to contain a suitable memorial to adequately commemorate the trials and hardships, the labour and sacrifice, of the many thousands of soldiers that left New Zealand to take their part in the Great War.





February 21st, 1921, to February 22nd, 1922.

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February 21, 1921	373	13	4	Library—Books, Periodicals, Binding	204	17	7
Members' Subscriptions	425	5	0	Additions to Museum	286	18	4
Special Subscriptions	115	0	0	Museum Requisites	33	12	5
Interest from Costley Bequest	411	0	0	Salaries and Wages	1,146	4	0
Rents and Interest transferred from Museum Endowment	772	0	11	Printing, Advertising, Typing, Insurance, Gas, Annual Cleaning, Expenses of Meetings, Stationery, Postages, and other expenses	327	0	7
Interest from Mackenzie Bequest	119	10	0	Fittings, Repairs to Buildings, etc.	49	1	6
Interest from Campbell Bequest	45	0	0	Call by New Zealand Institute towards defraying the cost of Printing the Transactions	21	17	6
Interest from Nathan Bequest	6	0	0	Miscellaneous Payments	4	16	0
Interest from Life Subscription Account	18	12	7	Balance in Bank of New Zealand, February 21, 1922	218	3	7
Miscellaneous Receipts	6	9	8				
	£2,292	11	6		£2,292	11	6

I have examined the above statement and checked the books and vouchers in connection therewith. I herewith certify that it is a correct statement of the working expenses and receipts to February 21, 1922

S. GRAY, F.R.A.,  
Auditor.

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The Treasurer in Account with the Auckland Institute and Museum Trust Board.

**II.—MUSEUM ENDOWMENT ACCOUNT.**

February 21st, 1921, to February 22nd, 1922.

	£	s.	d.		£	s.	d.		
Balance in the Bank of New Zealand	...	3	17	1	Transferred to Working Account	...	772	0	11
Endowments Sold	...	35	2	7	Transferred to Investment Account	...	35	2	7
Rents of Endowments	...	86	11	11	Bank Charges	...	0	10	0
Interests on Investments	...	685	19	0	Balance in Bank of New Zealand, February	...	3	17	1
					22nd, 1922	...			
	£811	10	7			£811	10	7	

T. F. CHEESEMAM, Secretary.

Audited and found correct.

S. GRAY, F.R.A.,  
Auditor.

**III.—MACKECHNIE LIBRARY BEQUEST ACCOUNT.**

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February				Transferred to Working Account	119	10	0
21, 1921	5	3	6	Bank Charges	0	10	0
Interest on Investments	120	0	0	Balance in Bank of New Zealand, February			
				22nd, 1922	5	3	6
	£125	3	6		£125	3	6

T. F. CHEESEMAM, Secretary.

Audited and found correct.

S. GRAY, F.R.A.,  
Auditor.

INVESTED FUNDS  
OF THE  
AUCKLAND INSTITUTE AND MUSEUM.

FEBRUARY 22ND, 1922.

I.—APPORTIONMENT UNDER STATUTORY HEADINGS OR BY  
RESOLUTION OF THE COUNCIL:—

	£	s.	d.	£	s.	d.
Costley Bequest ... ..	7,700	0	0			
Museum Endowment ... ..	12,111	19	11			
Mackechnie Library Bequest ... ..	2,000	0	0			
Campbell Bequest ... ..	1,000	0	0			
Nathan Bequest ... ..	100	0	0			
Life Subscription Account ... ..	334	11	5			
	<hr/>			£23,246	11	4
				<hr/>		

II.—MODE OF INVESTMENT:—

	£	s.	d.	£	s.	d.
Mortgages on Freehold Securities ...	17,500	0	0			
Corporation and Harbour Debentures ...	5,000	0	0			
Gas Company Debentures ...	600	0	0			
Deposited in Auckland Savings Bank	54	11	5			
Waiting Investment ... ..	91	19	11			
	<hr/>			£23,246	11	4
				<hr/>		

T. F. CHEESEMAM, Treasurer.

I have examined the Deeds of the Securities and the Bank Certificates of Debentures held, and receipts for money on deposit in Bank, and certify the above Statement to be correct.

S. GRAY, F.R.A., Auditor.

### Form of Bequest.

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*I give and bequeath to the Institution known  
as the Auckland Institute and Museum the sum of  
£                      free of succession or estate duty,  
to be applicable for the general purposes of such  
Institution. And I declare that the receipt of the  
Treasurer or the proper officer for the time being  
of such Institution shall be a sufficient discharge  
for the same.*

List of Benefactions  
made to the  
Auckland Institute and Museum  
of an amount (or value) exceeding £50.

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1876.

£2,026 subscribed by the citizens of Auckland towards meeting the cost of the first portion of the present Museum Buildings. (This sum includes two donations of £500 each from Mr. Justice Gillies and the Hon. T. Williamson.)

1876.

Presentation made by Mr. R. C. Barstow of a large and varied collection of Maori articles, including flax and dog-skin cloaks, carvings, greenstone ornaments, bone and stone meres, fish-hooks, etc., etc.

1877.

Bequest from Mr. G. F. Edmonston of 564 volumes of standard works on Physical and Natural Science.

1878.

Donation from Mr. T. Russell, C.M.G., of 34 plaster-casts and busts from the antique.

1878.

£106 donated by Mr. J. C. Firth to cover the expense of show-cases in the Museum.

1879-1883.

Mr. J. T. Mackelvie presented 260 volumes of books relating to the early history of New Zealand; 130 volumes of miscellaneous scientific works; a collection of ethnographical specimens from the Swiss Lake Dwellings; and 40 picked mineral specimens.

1884.

Bequest from Mr. Edward Costley of £12,150.

1887.

Bequest from Mr. David Nathan of £100.

1887.

Bequest of Maori articles from Mr. C. O. Davis, comprising dog-skin and feather mats; taiahas, paddles, spears; bone and wooden meres; carved boxes; and a variety of other articles.



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1897-1898.

Donation of £100 from Mr. T. Russell, to cover the expense of forming a collection of geological specimens from the Cape Colville Peninsula.

1901.

Japanese Shinto Shrine, elaborately lacquered and decorated, presented by Mr. L. D. Nathan.

1901-1902.

£1,000 subscribed by the citizens of Auckland for the purchase of the Mair Collection of Maori Ethnographical Articles.

1902-1903.

Bequest of £2,500 from Mr. E. A. Mackechnie (£2,000 to be invested in order to produce an income for the purchase of books for the Library of the Institute; £500 to be expended in providing groups of the larger mammals and the necessary show-cases.)

1906-1907.

£662 subscribed by the citizens of Auckland for the purchase of Mr. Fenton's elaborately carved Pataka, and for the purchase and erection of the Runanga House, Rangitihi

1911-1912.

£684 subscribed by the citizens of Auckland for the purchase of ancient historic Maori Carvings; and for other additions to the Museum.

1913.

Bequest of £1,000 from Sir John Logan Campbell.

1913.

Donation from Mr. Henry Shaw of 62 volumes of Geographical and Scientific works, and of 110 volumes from Mr. F. Shaw.

1913.

Unusually large and complete collection of Kauri Gum, containing 400 examples, together with the plate-glass show-case containing the same, presented by the Hon. E. Mitchelson.

1915.

Series of 79 specimens of Old English Glass, ranging from the time of the Roman occupancy of Britain to the middle of the eighteenth century. Presented by Dr. C. E. R. Bucknill.

1916.

Collection of 131 specimens of Japanese Ivories, Bronzes, and Cloissoné, many possessing considerable ethnographical and artistic value. Presented by Mr. Henry Shaw.

1917.

Collection of 120 Ethnographical specimens, 55 being of Maori origin, and including several rare and valuable articles, the remainder Polynesian or Melanesian. Bequeathed by Miss Ruth G. Northcroft.

19

1919.

Series of 89 Ethnographical specimens from North-west India, comprising swords, daggers, knives, shields, etc.; also many fine art objects. The collection was originally formed by the late Mr. J. E. Yates, and is now presented to the Museum by his daughters, the Misses Yates.

1920.

Collection of Skins of North American Mammals, obtained in Alaska, comprising specimens of the Alaskan Brown Bear, the Black Bear, the Moose, and the Bighorn Sheep. Presented by Mr. James Dunning.

1921.

Valuable Collection of Ancient Maori Ethnographical Specimens, including (among other articles) three of the exceedingly rare Maori God-sticks; one remarkably fine Onewa mere; one large and massive Hei Tiki; one carved flute; three large carved fish-hooks, with the original lashings, etc., etc. Presented by the late Mr. W. A. Aldred.

1921.

Large and valuable collection of Ethnographical Specimens from the Fiji Islands and other parts of Polynesia, containing many hundreds of specimens representative of most branches of Polynesian Ethnography. Presented by Mr. J. B. Turner. (The collection is at present in Fiji, but it will be forwarded as soon as the progress of the new Museum is sufficiently advanced.)

1921.

£115 donated by seven members of the Institute towards the purchase of two large and remarkably fine Chinese Temple Bronzes, for the Ethnographical portion of the Museum



## Additions and Donations

TO THE

## Library and Museum.

- Various Parliamentary Papers and Reports; New Zealand Hansard for 1921; Monthly Abstracts of Statistics for 1921; Journal of Agriculture for 1921; 54th Annual Report of the Dominion Laboratory; New Zealand Official Hand-book for 1919; History of the Portobello Marine Fish Hatchery, by G. M. Thomson:—The New Zealand Government.
- Journal of the Polynesian Society, vol. 30:—The Society.
- The New Zealand Journal of Science and Technology:—The Board of Science and Art.
- Cawthron Lecture for 1919:—Dr. Cockayne.
- Bulletin 23 of the Geological Survey of New Zealand:—The Survey.
- Journal of the Linnean Society of New South Wales, parts of vols. 45-46:—The Society.
- Records of the Australian Museum, Sydney, parts of vol. 13:—The Australian Museum.
- Critical Review of the Genus *Eucalyptus*, by J. H. Maiden:—The Author.
- The Australian Naturalist, vol. 4, part 16:—The Society.
- Proceedings of the Royal Society of Victoria, vol. 31:—The Society.
- Journal and Proceedings of the Royal Society of New South Wales, vol. 45, part 4:—The Society.
- Scientific Reports of the Australasian Antarctic Expedition, 9 parts:—The N.S. Wales Government Printing Office.
- Baker's Hardwoods of Australia, and Baker and Evans' *Eucalypts and Their Essential Oils*:—The Technological Museum, Sydney.
- Memoirs of the Queensland Museum, vol. 7, part 3:—The Museum.
- Proceedings of the Royal Society of Queensland, vol. 22:—The Society.
- The Queensland Naturalist, vol. 2, Nos. 4-5:—The Society.
- Report of the first Pan-Pacific Scientific Conference, part 1:—The Conference.
- Memoirs of the Bishop Museum, vol. 6, No. 3, and vol. 8, No. 1; Occasional Papers of the Bishop Museum, vol. 7, and vol. 8, part 1:—The Museum.
- Reinecke's Mineral Deposits in Columbia; Alcock's Map Area of Northern Manitoba; The Hydrosaur *Edmontosaurus*, by L. M. Lambe; Haves's Malagash Salt Deposit; Slipper's Sheep River Gas and Oil Field; Cockfield's Ladue River and Area, Yukon; Summary Report, 1919; Spence's Production of Phosphates in Canada; Annual Report of Mineral Production in Canada for 1919; Production of Gold, Copper, Lead, etc.; Production of Coal and Coke; Museum Bulletin, No. 31:—Geological Survey of Canada.
- Coleman's North-eastern part of Labrador; Summary Report of the Geological Survey of Canada for 1920; Blizzard's Preparation, Transportation and Combustion of Powdered Coal; Bulletin 32; Botany of the Canadian Arctic Expedition, 1913 to 1918:—The Department of Mines, Canada.
- The University of California, Botany, vol. 7, No. 9; and vol. 8, Nos. 1-2:—The University.

- Bailey's Gentes Herbarum, No. 2:—The Author.  
Journal of the Arnold Arboretum, vol. 1, Nos. 2, 3, 4; vol. 2, Nos. 1, 2, 3:—The Arboretum.  
Back's Insect Control in Flour Mills:—The Department of Agriculture, United States of America.  
Bulletins of the United States National Museum, Nos. 100, 112, 115, 116; Proceedings of the United States National Museum, vol. 57, 58, 59; Contributions to the United States National Herbarium, vol. 22, parts 4 and 5, vol. 20, part 10; Cushman's Foraminifera of the Philippine and Adjacent Seas; Chapman's Distribution of Bird Life in the Urubamba Valley of Peru; Blanchard's Revision of the King Snakes; Bent's Life Histories of North American Gulls and Terns:—The United States National Museum.  
The Annual Report of the Bureau of American Ethnology, and other publications:—The Bureau.  
Bulletins of the Hawaiian Volcano Observatory for 1921:—The Observatory.  
Mineral Resources of the United States for 1915:—The Auckland Free Library.  
Annual Report of the American Museum of Natural History:—The Museum.  
Annual Report of the Field Museum for 1919-1920:—The Museum.  
Kew Bulletin for 1920-21:—The Director, Kew.  
United Empire Journal for 1920-1921:—The Royal Colonial Institute.  
Symon's Monthly Meteorological Magazine for 1921:—The Editor.  
The Museums' Journal for 1921:—The Museums' Association.  
Proceedings of the Belfast Natural Society for 1919-1920:—The Society.  
Local War Museums, A Suggestion:—C. Reginald Grundy.  
Annual Report of the Manchester Museum:—The Museum.  
Annual Report of the Bristol Museum:—The Museum.  
Annual Report of the Royal Scottish Museum, Edinburgh:—The Museum.  
Annual Report of the Castle Museum, Norwich:—The Museum.  
Annual Report of the Leicester Museum:—The Museum.  
Annual Report of the Derby Museum:—The Museum.  
Annual Report of the National Museum of Wales:—The Museum.  
Annual Report of the Sheffield Museum:—The Museum.  
Annual Report of the Rhodesian Museum:—The Museum.  
Annual Report of the South African Museum:—The Museum.  
The Physics of the Globe, part 1, Meteorology:—The University of Strasbourg.  
Martelli's Memoir of Beccari:—The Author.  
Annual Report of the Ryks Herbarium, Leyden:—The Herbarium.  
Annals of the Malacological Society of Belgium for 1920, vol. 50:—The Society.  
Publications of the Natural History Society of Barcelona, 7 parts:—The Society.  
Annals of the National Observatory of Rio Janeiro:—The Observatory.

#### BOOKS PURCHASED.

- Maciver's Community.  
Pigou's Economics of Welfare.  
Bury's Idea of Progress.  
Hadfield's Among the Natives of the Loyalty Group.  
Bergson's Mind and Energy.  
Link's Employment and Psychology.  
Rideal's Catalysis in Theory and Practice.  
Bower's Lectures on Sex and Heredity.  
Bailey's Standard Cyclopaedia of Horticulture, vols 5 and 6.  
Luciani's Human Physiology, vol. 4.  
Hatschek's Introduction to the Physics and Chemistry of Colloids.  
Hawtrey's Currency and Credit.  
Cathcart's Physiology of Protein Metabolism.  
Armstrong's Simple Carbohydrates and Glucosides.

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British Fresh-water Rhizopods and Heliozoa.  
Hottenroth's The Costume of Ancient and Modern People.  
Whitehead's The Concept of Nature.  
Arber's The Water Plants.  
Whitehead's The Principles of Natural Knowledge.  
McDougall's The Group Mind.  
Eddington's Space, Time, and Gravitation.  
Savage's Food Poisoning and Food Infection.  
Dickson's The Transmutation of Bacteria.  
Carr's The Principles of Relativity.  
Coulter's Plant Genetics.  
Barker's Economic Statesmanship.  
Routledge's The Mystery of Easter Island.  
Einstein's Theory of Relativity.  
Miller's In the Wilds of South America.  
Church's Interpretation of the Phenomena of Phyllotaxis.  
Edridge-Green's The Physiology of Vision.  
Edridge-Green's—One Set of Cards for Sight Testing.  
Jones' Social Economics.  
Bowley's The Change in the Distribution of the National Income.  
Trotter's Instincts of the Herd in Peace and War.  
Marett's Psychology and Folk-Lore.  
Gambel's Animal Life.  
Martin's Animal Oils, Fats and Waxes.  
Syke's Through Deserts and Oases in Central Asia.  
Brown's The Arts in Early England, vol. 5.  
Bryce's Modern Democracies, 2 vols.  
Wither's The Case for Capitalism.  
Journal of the Royal Agricultural Society, vol. 80 and 81.  
Philosophical Transactions of the Royal Society, vol. 210 B.  
Quarterly Journal of the Geological Society, vol. —  
Zoological Record, vol. 55.  
Geographical Journal for 1920-21.  
Witham's Modern Pulp and Paper-making.  
Report of the British Association for 1919.  
Humphrey's Physics of the Air.  
Publications of the British Antarctic Expedition (Terra Nova), various parts.  
Engler's Pflanzenreich, various parts.  
Report of British Association for 1918.  
Salisbury's Physiography.  
United States Department of Agriculture, Year Book for 1920.  
Wolsey's Studies in French Forestry.  
Morgan's Physical Basis of Heredity.  
Royal Society's Catalogue of Scientific Papers, vol. 17.  
Index Kewensis, Supplement 5.  
King's Babylonian Religion.  
Bird's Relativity and Gravitation.  
Jackson's, the Museum.

## DONATIONS TO THE MUSEUM.

Head of Canadian Lynx :—Presented by W. Morkett.  
Seventeen Species of Rare New Zealand Birds :—Purchased from Miss M. Wigley.  
Mounted Specimen of *Diomedea regia* :—Presented by E. Bromwich.  
Feather of Weka found imbedded in a block of peat dredged 15ft. below the level of the Harbour floor :—Presented by the Auckland Harbour Board.



- Albino Blackbird (*Turdus merula*) :—G. N. Monk.  
Common Duck's Egg, dark green variety :—G. G. Lee.  
*Prion desolatus*, caught at Onehunga :—A. McColl.  
*Prion brevirostris*, caught at Ellerslie :—C. H. Bettany.  
Four-legged Chick of Common Fowl :—Mrs. J. Ryan.  
Albino Californian Quail, Hauraki Plains :—Hallyburton Johnstone.  
*Botaurus pœciloptilus*, obtained near Motutara :—N. Mitchelson.  
Albino Blackbird (*Turdus merula*) :—J. D. Fletcher.  
*Chrysocoryx lucidus* :—Sanford's, Ltd.  
3 Skins of *Hematopus unicolor* :—G. Henning, and eggs of same :—G. Wilson.  
*Apteryx Mantelli* :—A. McColl.  
*Estrelata macroptera*, caught in Auckland Harbour :—Purchased.  
*Pelagodroma marina*, caught alive in Auckland Harbour :—A. T. Pycroft.  
Half-grown specimen of *Porphyrio melanonotus* and 3 eggs of same; also egg of *Circus Gouldi* :—E. E. Vaile.  
Specimen of *Ardea herodias*, caught in the Atlantic 200 miles from land :—The Captain S.S. Kaikoura.  
Green Lizard (*Naultinus elegans*) and two young caught at Henderson :—J. Dobson.  
Snake from Gipsland :—Mrs. R. T. Pownall.  
*Hemerocates acanthorhynchus* from Caswell Sound :—Captain Bollons.  
*Geotria chilensis* from Kaitaia :—H. B. Mathews.  
*Gobiomorphus gobioides* and *Galaxias brevipinnis* :—Dr. Buck.  
*Hippocampus abdominalis* :—A. McColl.  
Portion of skeleton of *Lucarus imperialis*, stranded at Motutara :—N. Mitchelson and A. W. B. Powell.  
12 species of fishes received during the year from the City Council Trawling Depot, also various Echinodermata and Sponges.  
29 species of fishes received during the year from Sanford's, Ltd., also various echinodermata, etc.  
*Thynnus pelamys*, caught at Tauranga :—Captain Haultain.  
*Geotria chilensis* from the Northern Wairoa :—Mr. Dunningham.  
*Muraenichthys australis* :—W. M. Fraser, Whangarei.  
Various small fishes caught at Tauranga :—Dr. Bucknill.  
Specimens of seven species of Australian fishes :—The Australian Museum, Sydney.  
Specimen of *Liopelma Hamiltoni* :—The Dominion Museum.  
*Octopus* sp. :—Master G. L. Rawnsley.  
*Birgus latro* (young specimen) :—Mrs. R. T. Pownall.  
Series of *Paryphanta Hochstetteri*, from Takaka, Nelson :—N. Black, also series of numerous specimens from Weraoia :—Mrs. L. G. Nation.  
Specimens of *Trivia australis* :—H. B. Matthews.  
Specimens of *Terebratella sanguinea*, var., also *Mesodesma ventricosum* :—A. W. B. Powell.  
Specimens of *Otoconcha dimidiata* from Karangahake :—H. W. Lloyd.  
Unusually large specimen of *Heterostoma platycephala* from the Three Kings Islands :—Captain J. Bollons; also ordinary specimen of the same from J. Hamblin.  
Clump of barnacles obtained at a depth of 400 fathoms, near Norfolk Island, by the Cable Steamer Iris :—Captain W. R. Holmes.  
New Zealand Ant Lion from Te Aroha :—J. G. Graham.  
*Squilla* sp., from Cheltenham Beach :—E. H. Gibbons.  
Large Australian Spider :—A. Stretton.  
Unusually large specimens of Ambrit or Fossil Kauri Gum from the Huntly Coal Mines :—W. J. Ralph.  
Block of Limestone containing fossil Shells, obtained at the Waro Rocks, Whangarei.

- Large collection of phosphate rocks from Nauru and Ocean Island:—A. F. Ellis.
- Specimens of *Amosite* from South Africa, also of *Pilolite* from Puketete, Awakino County:—G. H. Holland.
- Large block of Limestone with a fissure in which many specimens of *Paryphanta Busbyi* are cemented, from Hikurangi:—Mr. Goffe.
- Specimens of Chert and Crystallized Quartz:—F. Niccol.
- 4 Mineral Specimens:—Sir Edwin Mitchelson.
- Native gold on galena from Diggers Creek, Orange, New South Wales, also specimens of Calcite and Iron Pyrites from the same locality:—G. F. Stewart.
- Iridescent Carborundum from the Rocky Mountains:—Harcourt Caughey.
- Specimen of Tantalum:—B. W. Hamilton.
- Fossil Shell of a bivalve from Awamarino:—R. W. Haylock.

### ETHNOGRAPHICAL ARTICLES.

- Carvel Intel, probably of pre Maori age. Found imbedded in peat at Pukepoto, between Ahipara and Kaitiaki:—Purchased.
- Elaborately carved Whaka-huia or Feather-box. Found in a limestone cave near Te Kuiti; Maori fishing-weight, found on the Watchman Island, Auckland Harbour; small flax kit from Taranaki; Greenstone chisel found on Mount Eden; large wooden fish-hook; Fragment of carving from the Te Kaha cave; two iron fish-hooks:—G. Graham.
- Stone fishing-weight from Orere Point, near Miranda:—G. Curham.
- Handle of a Maori stone adze, to which a plane-iron has been fitted by the Maori owner:—W. M. Fraser, Whangarei.
- Large Maori stone adze, found on the beach at Waverley:—Purchased.
- Inscribed stone slab from the wall of an ancient Wharepuni at the Korokoro Pa, near Muriwai; also, Block of basalt showing peculiar grooves, from the same locality:—A. W. B. Powell.
- Two Cartridges, being part of the ammunition used at "Heke's Pa," at Ohaewai, Bay of Islands:—Mr. Goffe.
- Two greenstone adzes; four ordinary stone adzes; one pawa-shell fish-hook with bone barb; one piece of wood carved to represent a human head; one finely carved and fully decorated taiaha; one plain taiaha; one onewa mere; one bone patu:—Presented by Sir Edwin Mitchelson on behalf of an Auckland gentleman.
- Two fishing-weights; three hand hoanga; one drill point; top of broken onewa mere. All found on the sand dunes along the 90 mile beach:—H. B. Mathews.
- Ordinary stone adze:—F. W. Lally.
- Ancient kumara weeder. Found in a swamp at Herekino:—Colonel Allen Bell.
- Two kumara weeders:—Mr. Young.
- Three elaborately carved "God-sticks"; onewa mere of polished aphanite; massive greenstone heitiki; carved wooden flute; three large fish hooks with original lashing; eleven pawa shell fish hooks; stone knife; stone mere from the Chatham Islands; one ordinary fern pounder; two stone gouges; one bundle of Maori plaited cord; six pieces of greenstone; nine miscellaneous stone adzes; one tooth of the Mako shark; four teeth of the White shark; one skin of *Mus exulans*; one bone aurei; one bone barb for a spear; piece of the flagstaff cut down by Hone Heke at the Bay of Islands. A collection formed by the Rev. John Aldred in 1848, and now presented to the Museum by the late W. A. Aldred.
- Five Maori stone adzes:—Mrs. M. A. Barstow.
- Carved figure of Horo-i-Rangi, chiseled from the face of a rhyolitic cliff at Tihi-o-Tonga, near Rotorua:—Presented with the permission of the Ngati-Tuora tribe by E. E. Vaile.
- Carved bone pendant of unusual type, found many years ago at Whangamumu Harbour:—Mrs. Lushington.

Large carved Maihi or gable board of a Maori House:—A. Eady.  
 Delicately made greenstone needle found on the sand dunes near Awitu:—  
 D. Munro.  
 Two small kumara weeders:—Young.  
 Section of tree containing a Maori bullet, found near the Ruapekapeka Pa:—  
 Mossman.  
 Fishing weight of Heavy Spar found near Kaitaia:—H. E. Vaile.  
 Nose flute carved from a piece of kauri gum found on the Hauraki Plains:—  
 C. H. Waite.  
 Section of tree found in the Kaitaia Swamp, showing Aboriginal cutting:—  
 R. H. Matthews.  
 Stone-carved wooden kumete or food-bowl found in a swamp at Opotiki:—  
 James Elliott.  
 Small hinaki or fish-trap from the Hauraki Plains:—G. E. Clews.  
 Remarkable wooden carving of great age found on the Poor Knights  
 Islands:—Captain Bollons.  
 Stone fish hook from the Chatham Islands:—Donor unknown.  
 Block of Greenstone, showing rubbing and pecking:—A. E. McCready.  
 Two Maori hoanga found near Clevedon:—S. A. Browne.  
 Stone hammer:—F. Wood.  
 Fish hook made of bronze:—Hammet.  
 Remarkably fine greenstone adze found near Opotiki:—Purchased from J. R.  
 Bridge.  
 Implement made from human bone, used by the Maoris for extracting  
 mussels from their shells:—H. De Costa.  
 Head of Mummy picked up in the Libyan Desert, also mummified cat from  
 same locality:—Captain Harold Nathan.  
 Ancient Suit of Japanese Armour:—Presented by Mrs. Fyfe Smith,  
 Vancouver.  
 Pearl-shell Fish hook with bone barb:—Sir Edwin Mitchelson.  
 Breastplate of Tridacna shell with central decoration of carved Tortoise-  
 shell, from the Solomon Islands, obtained in about 1845:—G. Graham.  
 Rare Club from the Solomon Islands:—Purchased.  
 Polynesian Club of rare type, locality not known:—A. Butler.  
 Broad-headed Polynesian Club; haft of large adze with original basket-  
 wrapping, from New Guinea; hafted adze with iron in place of stone;  
 club and combe from the Admiralty Islands; two ancient daggers made  
 from the metatarsus of a Cassowary, from New Guinea:—G. Graham.  
 Pair of large antique Chinese Temple bronzes:—Purchased by the subscrip-  
 tions of seven members of the Institute.  
 Three necklaces from Polynesia, also one pearl shell fish hook:—W. A.  
 Aldred.  
 Large group of Jews' Ear fungus (*Hirneola auricula-judae*), obtained at  
 Taranaki:—G. Overton Smith.  
 Section of Tree, with a leaden bullet imbedded, found at Mauku:—R. D.  
 Mossman.  
 Japanese porcelain vase:—Miss Vaile.  
 Parcel of Coins:—Miss Westwood.  
 Section of Specimen of *Dactylanthus*, showing structure:—Mr. Goffe.  
 Bronze ball found at a depth of 15ft. in an orchard at Otahuhu, also large  
 calcareous ball found in the stomach of a horse:—B. W. Hamilton.

### WAR CURIOS.

Series of German food coupons:—H. F. Earl.  
 Replica of medal struck in Germany to commemorate the sinking of the  
 "Lusitania":—D. W. Davidson.  
 Pepper-box revolver:—Mr. Andow.  
 Breach-loading revolver, also hammerless revolver:—Captain Northcroft.

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Muzzle-loading Colt's revolver and Pepper-box revolver:—R. G. L. Walker.  
Turkish soldier's letter; meat tickets issued at Bagdad; order of the thanks-giving service held by Fanshaw's column at Mosul, Mesopotamia; order of the day issued prior to the final advance in Mesopotamia; special order of the day issued by the King to the troops in Mesopotamia; price-list published for the use of troops in Mesopotamia; Turkish soldier's identity disc:—Captain R. G. Sellar.

Double-barrelled flint-lock pistol:—J. Spencer.

Prussian helmet taken after the last assault on Fort Vaux, Verdun:—F. G. Farrell.

The following were received from the New Zealand Government during the year:—Turkish Gallipoli Star found in an ordnance depot in Cilicia; one German machine-gun, No. 9895; four Martini-Henry rifles; two Mauser rifles; four Snider rifles; four Whitworth percussion rifles; three ordnance quick-firing guns and mounts.



## LIST OF MEMBERS

For the Year ending March 31st, 1922  
(with Postal Addresses).

(Members are requested to advise the Secretary of any change of Address.)

[Honorary and Life Members distinguished thus \*.]

- |  |  |
|--|--|
| Abbott, R. H., City Chambers,<br>Queen Street, Auckland.                 | Arnold, C., Sandford's Buildings,<br>Auckland.                           |
| Abel, R. S., care Abel, Dykes &<br>Co., Shortland Street, Auckland.      | Arnoldson, L., Quay Street, Auckland.                                    |
| Adams, C. E., B.A., N.Z. Registrar of Deeds, Apia, Samoa.                | Arthur, T. B., Elliott Street,<br>Auckland.                              |
| Adams, L., 12, Ewington Avenue,<br>Mount Eden.                           | Baker, C. C., Durham Street East,<br>Auckland.                           |
| Aickin, G., Carlton Gore Road,<br>Auckland.                              | Baker, G. H., Commerce Street,<br>Auckland.                              |
| Alexander, J., Shortland Street,<br>Auckland.                            | Bamford, H. D., LL.D., N.Z.<br>Insurance Buildings, Auckland.            |
| Alexander, L. W., 1a, Victoria<br>Building, Auckland.                    | Bankart, A. S., Strand Arcade,<br>Queen Street, Auckland.                |
| Algie, Professor R. M., M.A., University College, Auckland.              | Bankart, F. J., Shortland Street,<br>Auckland.                           |
| Alison, A., Devonport Ferry Co.,<br>Auckland.                            | Barr, J., Public Library, Wellesley<br>Street, Auckland.                 |
| Alison, Hon. E. W., M.L.C.,<br>Devonport Ferry Co., Auckland.            | Barr, J. M., Savings Bank, Queen<br>Street, Auckland.                    |
| Alison, Ernest, Takapuna.  | Barry, S., Queen Street, Auckland.                                       |
| Alison, E. W., jun., Bank of<br>N.Z. Chambers, Swanson St.,<br>Auckland. | Bartlett, W. H., Queen Street,<br>Auckland.                              |
| Allum, John, National Electrical<br>and Engineering Co., Auckland        | Bartrum, J. A., M.Sc., University<br>College, Auckland.                  |
| Ambury, S. J., Greenwood's Corner,<br>Onehunga.                          | *Bates, T. L., Alfred Street, Waratah,<br>Newcastle, New South<br>Wales. |
| Anderson, E., 4, Bassett Road,<br>Remuera.                               | Beattie, Dr. R. M., Mental Hospital,<br>Avondale.                        |
| Anderson, Professor W., M.A.,<br>University College, Auckland.           | Bell, R. W., Waihi.  |
| Andrews, F. N., care of Andrews<br>& Clark, Queen Street, Auckland.      | Binney, E. H., care of Binney &<br>Sons, Fort Street, Auckland.          |
| Ardern, P. S., M.A., Remuera.  | Bishop, J. J., Dunvegan, Titirangi.                                      |
| Arey, W. E., Victoria Arcade,<br>Auckland.                               | Biss, N. L. H., Shortland Street,<br>Auckland.                           |
| Armitage, F. L., Gleeson's Buildings,<br>High Street, Auckland.          | Blomfield, E. C., Shortland Street,<br>Auckland.                         |
|  | Bloodworth, T., 36, Scarborough<br>Terrace, Parnell.                     |



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- \*Bloomfield, G. R., "The Pines," Epsom.
- \*Bloomfield, H. R., St. Stephen's Avenue, Parnell.
- Bloomfield, J. L. N. R., St. Stephen's Avenue, Parnell.
- Boucher, P. F., Piha.
- Bradley, Samuel, Onehunga.
- Bradney, H., Queen Street Wharf, Auckland.
- Brett, H., "Star" Office, Shortland Street, Auckland.
- Brookes, A. E., Okaiua, Matamata.
- Brown, E. A., Cleave's Buildings, High Street, Auckland.
- Brown, Professor F. D., Remuera.
- Brownlee, Mrs., 4, Ascot Avenue, Remuera.
- Brute, W. W., Williamson's Chambers, Auckland.
- \*Buchanan, A., Legal Chambers, Wyndham Street, Auckland.
- Buddle, C., Wyndham Street, Auckland.
- Buddle, H. D., Victoria Avenue, Remuera.
- Burbidge, Professor, University College, Auckland.
- Burns, R., Customs Street, Auckland.
- Burt, A., care of A. & T. Burt., Ltd., Customs Street, Auckland.
- Bush, W. E., City Engineer, Auckland.
- Butler, J., Kauri Timber Co., Customs Street, Auckland.
- Buttle, B., Kaiapoi Woollen Co., Elliott Street, Auckland.
- Buttle, G. A., Victoria Arcade, Auckland.
- Buttle, J., Selwyn Road, Epsom.
- Cadman, F. P., care of Hoiland, Gillett & Co., Albert Street, Auckland.
- Caldwell, D. R., Cambridge.
- Campbell, Hon. J. P., High Street, Auckland.
- Cardno, Miss, Cheltenham Terrace, Devonport.
- Carlaw, J., 226, Symonds Street, Auckland.
- Carpenter, J. M., Newmarket.
- Carse, H., Lynwood Road, New Lynn.
- Carter, C. E., Ewing Street, Takapuna.
- Carter, C. M., Lake Town, Takapuna.
- Carter, M., Hallenstein's Buildings, Queen Street, Auckland.
- Casey, W., Hamilton Road, Ponsonby.
- Caughey, A. C., care of Smith & Caughey, Queen Street, Auckland.
- Caughey, J., Marsden, care of Smith & Caughey, Queen Street, Auckland.
- Chambers, S. G., 106, Victoria Arcade, Queen Street, Auckland.
- Chatfield, Dr. H. A., Queen Street, Auckland.
- Cheal, P. E., Cameron Road, Remuera.
- Cheeseman, T. F., F.L.S., F.Z.S., Museum, Auckland.
- Choyce, H. C., Remuera Road, Remuera.
- Clark, A., Wellesley Street, Auckland.
- Clark, H. C., Wellesley Street, Auckland.
- Clark, M., Wellesley Street, Auckland.
- Clark, R. G., care of Robertson Bros., Quay Street, Auckland.
- Clarke, S. I., P.O. Box 387, Auckland.
- Clay, T. B., care of S. Vaile & Sons, Queen Street, Auckland.
- Clayton, C. Z., Ellerslie.
- Clayton, D. L., Kauri Timber Co., Customs St., Auckland.
- Cleave, A., High Street, Auckland.
- Clinch, J. A., Ph.D., Training College, Auckland.
- Coates, T., Orakei.
- Coe, James, Mount Eden Road, Auckland.
- Colbeck, W. B., N.Z. Insurance Buildings, Auckland.
- Cole, Rev. R. H., Gladstone Road, Parnell.
- Coleman, J. W., Lower Queen St., Auckland.
- Colwill, J. H., Swanson Street, Auckland.
- Coombes, F. H., Victoria Avenue, Remuera.
- Cooper, A. N., Reed, Towle, Helalaby & Cooper, High Street, Auckland.
- Cooper, Sir T., Orakei Road, Remuera.
- Copeland, M., 97, College Hill, Auckland.

Court, A. J., G. Court & Co.,  
Karangahape Road, Auckland.  
Court, G., Karangahape Road,  
Auckland.  
Court, J., Hamilton Road, Auck-  
land.  
Court, J. W., Birkenhead, Auck-  
land.  
Cousins, H. G., Principal of the  
Training College, Auckland.  
Craig, J. C., care J. J. Craig, Ltd.,  
Queen Street, Auckland.  
Crompton, W. J., 3, Mount Plea-  
sant Road, Mount Eden.  
Crook, John, 10, Prospect Terrace,  
Mount Eden.  
Culpan, W., Wyndham Street,  
Auckland.  
  
Davies, Dr., "Glenalvon," Auck-  
land.  
Davis, Ernest, care of Hancock &  
Co., Customs Street, Auckland.  
Davis, Elliot R., care of Hancock  
& Co., Customs Street, Auck-  
land.  
Dearsly, H., P.O. Box 466, Auck-  
land.  
De Guerrier, F. E., Tramway  
Offices, Auckland.  
Dempsey, J., Newmarket.  
Dennin, John, care Sir E. Mitchel-  
son, Waimauku.  
Dettmann, Professor H. S., Uni-  
versity College, Auckland.  
Donald, A. W., care A. B.  
Donald, Ltd., Queen Street,  
Auckland.  
Donald, J. B., care A. B.  
Donald, Ltd., Queen Street,  
Auckland.  
Downard, F. N. R., Cambridge.  
Duder, R. W., Devonport.  
Duncan, A., Railway Offices,  
Auckland.  
Duthie, W., National Bank of  
New Zealand, Wellington.  
  
Eady, A., Queen Street, Auck-  
land.  
Earl, F., K.C., Swanson Street,  
Auckland.  
Edgerley, Miss K., Girls' Gram-  
mar School, Auckland.  
Edmiston, H. J., Champaloup &  
Edmiston, Queen Street, Auck-  
land.  
Edson, J., Waimaraina, Tudor  
Street, Devonport.

Egerton, Professor C. W., Uni-  
versity College, Auckland.  
Ellingham, W. R., Customs Street,  
Auckland.  
Elliot, G., Imperial Buildings,  
Queen Street, Auckland.  
Elliot, W., Imperial Buildings,  
Queen Street, Auckland.  
Ellis, A. F., Argyle Street, Pon-  
sonby.  
Endean, J., jun., Waitemata  
Hotel, Auckland.  
Entrican, A. J., Customs Street,  
Auckland.  
Entrican, A. R., University Col-  
lege, Auckland.  
Entrican, J. C., Customs Street,  
Auckland.  
Evans, E. W., Brown, Barrett &  
Co., Customs Street, Auckland.  
Ewen, J. F. A., Sargood, Son &  
Ewen, Ltd., Victoria Street  
West, Auckland.  
  
Fairclough, Dr. W. A., Imperial  
Buildings, Auckland.  
Falla, R. A., 41, Calliope Road,  
Devonport.  
Farrell, R., Anglesea Street, Auck-  
land.  
Fenwick, Dr. G., A.M.P. Build-  
ings, Auckland.  
Fenwick, R., T. & S. Morrin  
& Fenwick, High Street, Auck-  
land.  
Firth, R. W., Wymondsley Road,  
Otahuhu.  
Fisher, F. S., Birkdale.  
Fleming, G. A., Remuera Road,  
Remuera.  
Fleming J., 142, Grafton Road,  
Auckland.  
Flourance, R. S., Stipendiary  
Magistrate, Gisborne.  
\*Fowlds, Hon. G., Queen Street,  
Auckland.  
Fowlds, G., jun., Queen Street,  
Auckland.  
Fraser, W. M., C.E., Whangarei.  
Frater, J. W., Stock Exchange,  
Auckland.  
Frater, Captain W., Manukau  
Road, Parnell.  
Frethey, Miss J., New Plymouth.  
Farness, C. H., Customs Street  
East, Auckland.  
  
Gardner, R., University College,  
Auckland.

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- Garrard, W. W., M.A., Education  
Offices, Auckland.
- Geddes, A., Brown, Barrett &  
Co., Customs Street, Auckland.
- George, G., Technical College,  
Wellesley Street, Auckland.
- George, Hon. S. T., St. Stephen's  
Avenue, Parnell.
- Gerard, E., Union Buildings,  
Customs Street, Auckland.
- Gibson, Noel, Dilworth Institute,  
Remuera.
- Gilfillan, H., St. Stephen's  
Avenue, Parnell.
- Gillett, J., Hoiland & Gillett,  
Albert Street, Auckland.
- Gillies, A. W., Courtville, Eden  
Street, Auckland.
- Girdler, Dr., Khyber Pass Road,  
Auckland.
- Gleeson, J. C., Lower Symonds  
Street, Auckland.
- Goldie, A., Wallace Street, Pon-  
sonby.
- Goldie, D., Imperial Buildings,  
Auckland.
- Goldie, H., Imperial Buildings,  
Auckland.
- Gordon, Dr. F. W., Hillsborough,  
Gorrie, H. T., Buckland & Sons,  
Albert Street, Auckland.
- Graham, A. G., Briscoe & Co.,  
Customs Street, Auckland.
- Graham, G., 25, Grafton Road,  
Auckland.
- Grant, Miss J., M.A., Devonport.
- \*Gray, A., Smeeton's Buildings,  
Queen Street, Auckland.
- Gray, S., Town Clerk, Mount  
Eden.
- Gray, W. A., M.I.C.E., Smeeton's  
Buildings, Auckland.
- Greenhaugh, Henry P., 20, Lilling-  
ton Road, Remuera.
- Gribbin, G., Imperial Buildings,  
Auckland.
- Griffin, L. T., Museum, Auckland.
- Gulliver, T. V., 503, N.Z. Insur-  
ance Buildings, Auckland.
- Gunson, J. H., C.M.G., Mayor of  
Auckland, Church Road, Ep-  
som.
- Haddow, J. G., Wyndham Street,  
Auckland.
- Haines, H., F.R.C.S., Shortland  
Street, Auckland.
- Hall, Edwin, Seacliff Road, One-  
hunga.
- Hall, J. W., P.O. Box 1048.
- Hamer, W. H., C.E., Harbour  
Board Offices, Auckland.
- Harbutt, S. J., Selwyn Road,  
Epsom.
- Hardie, J. C., Queen Street,  
Auckland.
- Harding, E., Private Bag, Darga-  
ville.
- Hardley, J. W., Customs Street,  
Auckland.
- Harris, Louis, Huntly.
- Harvey, A., Lower Albert Street,  
Auckland.
- Hay, D. A., Montpellier Nursery,  
Remuera.
- Hay, Douglas, Stock Exchange,  
Auckland.
- Hay, Miss, Grafton Road, Auck-  
land.
- Heather, H. D., Fort Street,  
Auckland.
- Hemmingway, W. H., Union  
Buildings, Auckland.
- Henning, G., 36, Remuera Road,  
Remuera.
- Herries, Sir W. H., M.P., Wel-  
lington.
- Hesketh, H. R., Hesketh & Rich-  
mond, Wyndham Street, Auck-  
land.
- Hesketh, S., Hesketh & Rich-  
mond, Wyndham Street, Auck-  
land.
- Hill, J. C., care Hill & Plummer,  
Queen Street, Auckland.
- Hills, F. M., Arney Road,  
Remuera.
- Holderness, D., Harbour Board  
Office, Auckland.
- Holmden, Dr., Jervois Road,  
Ponsonby.
- Horton, E., "Herald" Office,  
Queen Street, Auckland.
- Horton, H., "Herald" Office,  
Queen Street, Auckland.
- Houghton, C. V., N.Z. Shipping  
Co., Quay Street, Auckland.
- Hovell, S. W., Kenny Street,  
Waihi.
- Hudson, C., Mount Eden Road,  
Auckland.
- Hull, Miss Cecil, Girls' Grammar  
School, Auckland.
- Hunter, Ashley, C.E., Swanson  
Street, Auckland.
- Hutchinson, F. R., Karangahape  
Road, Auckland.
- Inglis, Dr. R. T., Alfred Street,  
Auckland.

Isaacs, R. C., St. George's Bay Road, Parnell.

Jackson, J. H., Customs Street, Auckland.

Jackson, Thornton, Shortland Street, Auckland.

Johnson, H. Dunbar, 151, Newton Road, Auckland.

\*Johnson, Professor J. C., M.Sc., University College, Auckland.

Johnston, Hallyburton, Ngatea, Hauraki Plains.

Johnston, J. B., Stewart & Johnston, Wyndham Street, Auckland.

Johnstone, A. H., Solicitor, Fort Street, Auckland.

Joll, L., Mount Eden.

Kalaugher, J. P., Education Offices, Auckland.

Kenderdine, J., Sale Street, Auckland.

Kent, G. S., St. Stephen's Avenue, Parnell.

Kissling, H. P., St. Stephen's Avenue, Parnell.

Knight, G., Asquith Avenue, Mount Albert.

Laidlaw, R. A., Hobson Street, Auckland.

Lamb, J. A., Arney Road, Remuera.

Lamb, S. E., B.Sc., University College, Auckland.

Lamont, T., North Avenue, Devonport.

Lancaster, T. L., B.Sc., University College, Auckland.

Lang, Sir F. W., Queenstown Road, Onehunga.

Larner, V. J., Swanson Street, Auckland.

Laurie, B. A., Laurie & Co., Customs Street, Auckland.

Le Roy, E., Queen Street, Auckland.

Lewisham, W. C., care Robertson Bros., Quay Street, Auckland.

Leyland, S. H., Leyland & O'Brien, Customs Street West, Auckland.

Leyland, W. B., Leyland & O'Brien, Customs Street West, Auckland.

Leys, Cecil, "Star" Office, Shortland Street, Auckland.

Leys, T. W., LL.D., "Star" Office, Auckland.

Lintott, G. S., Customs Street East, Auckland.

Logan, R., P.O. Box 536, Auckland.

Long, D., Farmers' Freezing Co., Queen Street, Auckland.

Long, W. H., 16, St. Albans Avenue, Auckland.

Lowe, Dr. De Clive, Lower Symonds Street, Auckland.

Lunn, A. G., care Collins Bros., Wyndham Street, Auckland.

Lusk, H. B., M.A., King's College, Remuera.

Macdonald, Hugh R., 47, St. Stephen's Avenue, Parnell.

Mackay, G. J., Queen Street, Auckland.

Mackay, J. G. H., Ellison's Chambers, Queen Street, Auckland.

Mackay, P. M., Wellesley Street, Auckland.

Macky, T. H., Macky, Logan & Co., Elliott Street, Auckland.

Mackellar, Dr. E. D., Manukau Road, Parnell.

Mackenzie, Dr. Kenneth, Princes Street, Auckland.

\*Macmillan, C. C., care Auckland Institute, Auckland.

Mahoney, T., Swanson Street, Auckland.

Mains, T., Papatoetoe.

Mains, W. J., 201, Remuera Road, Auckland.

Mair, Captain G., Rotorua.

Mair, S. A. R., Hunterville, Wellington.

Major, C. T., King's College, Remuera.

Makgill, Dr. R. H., Health Department, Wellington.

Mander, F., M.P., Ranfurly Road, Epsom.

Marks, L., Chancery Street, Auckland.

Marriner, H. A., N.Z. Insurance Co., Auckland.

Marshall, J., "Te Ataahua," Remuera Road, Auckland.

Mason, Mrs. F., West Town, New Plymouth.

Massey, Right Hon. W. F., M.P., Wellington.

Matthews, H. B., Clonbern Road, Remuera.

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- Maxwell, L. S., Lower Hobson Street, Auckland.  
McCullough, Hon. W., Thames.  
McDonald, Rev. W., Gardner Road, Epsom.  
McGregor, W. R., University College, Auckland.  
McIlwraith, Dr. J. W., 12, Mount Hobson Road, Remuera.  
McIntosh, D. T., No. 5, Claybrook Road, Parnell.  
McKenzie, Captain G., Devonport.  
McLaughlin, T. M., Phoenix Chambers, Queen Street, Auckland.  
McVeagh, R., care Russell, Campbell & McVeagh, High Street, Auckland.  
McVeigh, J. P., care McVeigh & Fleming, 85, Queen Street, Auckland.  
Mennie, J. M., Albert Street, Auckland.  
Merritt, H. T., N.Z. Insurance Buildings, Auckland.  
Miller, E. V., 71, Upland Road, Remuera.  
Miller, E. N., Albert Street, Thames.  
Milne, J., care John Chambers & Son, Shortland Street, Auckland.  
Milne, Stewart, care Milne & Choyce, Queen Street, Auckland.  
Milroy, S., Kauri Timber Co., Customs Street W., Auckland.  
Milsom, Dr. E. H. B., 18, Waterloo Quadrant, Auckland.  
Mitchelson, E. P., P.O. Box 873, Auckland.  
Mitchelson, Sir E., M.L.C., Waitaramoa, Remuera.  
Montgomery, Dr. Gladys, Khyber Pass Road, Auckland.  
Morgan, R. J., 1, Pentland Avenue, Mount Eden.  
Morrison, A. R., Palmerston Buildings, Auckland.  
Morton, E., Customs Street, Auckland.  
Morton, H. B., Taumata, Wapiti Avenue, Epsom.  
Moses, H. C., No Deposit Piano Co., High Street, Auckland.  
Mulgan, A. E., "Star" Office, Auckland.  
Mullins, P., Shaddock Street, Mount Eden.  
Murray, G. T., C.E., Public Works Office, Wellington.  
Myers, Hon. A. M., Queen Street, Auckland.  
Myers, B., Symonds Street, Auckland.  
Napier, W. J., Napier, Luxford & Smith, A.M.P. Buildings, Auckland.  
Nathan, C. J., care A. H. Nathan & Co., Customs Street, Auckland.  
Nathan, D. L., care L. D. Nathan & Co., Shortland Street, Auckland.  
\*Nathan, N. A., care L. D. Nathan & Co., Shortland Street, Auckland.  
Neve, B., Technical College, Auckland.  
Nicol, G., Customs Street West, Auckland.  
Nicholson, O., Imperial Buildings, Auckland.  
Oliphant, P., 24, Symonds Street, Auckland.  
\*Oliver, W. A. B., F.L.S., Museum, Wellington.  
Ostler, H. H., Shortland Street, Auckland.  
Parr, Hon. C. J., C.M. M.P., Shortland Street, Auckland.  
Parsons, W. B., Colonial Sugar Co., Quay Street, Auckland.  
Partridge, H. E., Albert Street, Auckland.  
Patterson, D. B., 23, Shortland Street, Auckland.  
Perkins, A. W., care Dalgety & Co., Customs Street West, Auckland.  
Petrie, D., M.A., Ph.D., Ranfurly Road, Epsom.  
Philcox, T., 11, Fairview Road, Mount Eden.  
Pond, J. A., F.C.S., Queen Street, Auckland.  
Porter, A., care E. Porter & Co., Queen Street, Auckland.  
Potter, E. H., P.O. Box 230, Auckland.  
Pountney, W. H., Fort Street, Auckland.  
Powell, A. W. B., Shortland Street, Auckland.  
Powell, F. E., C.E., Ferry Buildings, Auckland.  
Poynton, J. W., 63, Epsom Avenue, Mount Eden.



- Price, E. A., Cambria Park.  
Papatoetoe.
- Price, T. G., 109, Queen Street,  
Auckland.
- Pryor, S. H., Hutchinson's  
Avenue, New Lynn.
- Pulling, Miss, Diocesan School,  
Epsom.
- Purchas, Dr. A. C., Symonds  
Street, Auckland.
- Pycroft, A. T., Railway Offices,  
Auckland.
- Ralph, W. J., Princes Street,  
Auckland.
- Rangihirua, Dr., Public Health  
Department, Auckland.
- Ratcliff, W., P.O. Box 259,  
Hamilton.
- Rawnsley, S., Federal Street,  
Auckland.
- Rayner, Dr. F. J., Queen Street,  
Auckland.
- Reed, Mr. Justice, Supreme Court,  
Wellington.
- Reed, N. W., 19, Lawrence  
Street, Ponsonby.
- Reed, Vernon, M.P., Kawakawa.  
Shaw, F., care Sharland & Co.,  
Lorne Street, Auckland.
- Rhodes, C., Ronaki, Remuera.
- Richmond, H. P., Arney Road,  
Remuera.
- Robb, J., Victoria Avenue, Mount  
Eden.
- Robertson, A. B., care Heather,  
Robertson & Co., Fort Street,  
Auckland.
- Robertson, Dr. Carrick, Alfred  
Street, Auckland.
- Robertson, Dr. E., Market Road,  
Remuera.
- Robertson, James, Market Road,  
Remuera.
- Roche, H., Horahora, near Cam-  
bridge, Waikato.
- Rollett, F. C., "Herald" Office,  
Queen Street, Auckland.
- Ropiha, T. T., Survey Office,  
Auckland.
- Russell, E. N. A., care Russell,  
Campbell & McVeagh, High  
Street, Auckland.
- Salt, G. MacBride, M.Sc., Uni-  
versity College, Auckland.
- Saunders, W. R., Commercial  
Union Insurance Co., Auck-  
land.
- Saxton, A. C., Pyrmont, Sydney.
- Scott, D. D., Kempthorne, Prosser  
& Co., Albert Street, Auckland.
- Scott, D. D., The Manse, One-  
hunga.
- Segar, Professor H. W., M.A.,  
Manukau Road, Parnell.
- Shakespear, Mrs. R. H., Whanga-  
paraoa.
- Shannon, J. W., 16, Dromorne  
Road, Remuera.
- Shaw, F., Vermont Street, Pon-  
sonby.
- Shaw, H., care Public Library,  
Auckland.
- Short, W. F., M.Sc., University  
College, Auckland.
- \*Shroff, H. R., 108, Victoria Street,  
Auckland.
- Simmonds, Rev. J. H., Wesley  
Training College, Epsom.
- Simson, T., Mount St. John  
Avenue, Epsom.
- Sinclair, A., Kuranui, Symonds  
Street, Auckland.
- Sinclair, G., Pilkington & Co.,  
Queen Street, Auckland.
- Skeet, H. M., Pencarrow Avenue,  
Mount Eden.
- Smith, F. W., 1, Eden Crescent,  
Auckland.
- Smith, Captain James, Franklin  
Road, Ponsonby.
- \*Smith, H. G. Seth, 88, Victoria  
Avenue, Remuera.
- Smith, S. A., Glenalvon, Auck-  
land.
- \*Smith, S. Percy, F.R.G.S., New  
Plymouth.
- Smith, Mrs. W. H., Princes  
Street, Auckland.
- Smith, W. Todd, Alfred Street,  
Auckland.
- Somerville, Dr. J., Alfred Street,  
Auckland.
- Somerville, J. M., Birkenhead,  
Auckland.
- Spedding, J. C., Market Road,  
Remuera.
- Stanton, J., Fort Street, Auck-  
land.
- Stevenson, Arthur G., Gladstone  
Road, Mount Albert.
- Stewart, D. F., R. S. Lamb &  
Co., 32, Jamieson Street, Syd-  
ney.
- Stewart, J. W., Hamilton Road,  
Ponsonby.
- Stewart, John A., Kainga-tonu,  
Ranfurly Road, Epsom.

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- Stewart, R. Leslie, Brown & Stewart, Swanson Street, Auckland.
- Streeter, S. C., Enfield Street, Mount Eden.
- Suter, A., 13, Ridings Road, Remuera.
- Swan, H. C., Henderson.
- Talbot, Dr. A. G., A.M.P. Buildings, Queen Street, Auckland.
- Thomas, Professor A. P. W., F.L.S., Mountain Road, Epsom.
- Thornes, J., Queen Street, Auckland.
- Tibbs, J. W., M.A., Grammar School, Auckland.
- \*Tinne, H., Union Club, Trafalgar Square, London.
- Townson, W., Thames.
- Trounson, J., Northcote.
- Tunks, C. J., Shortland Street, Auckland.
- Turner, E. C., Turner & Sons, Market Square, Auckland.
- Upton, J. H., Bank of N.Z. Buildings, Swanson Street, Auckland.
- Upton, P., South British Insurance Co., Queen Street, Auckland.
- Upton, P. T., P.O. Box 878, Auckland.
- Upton, Selwyn, P.O. Box 34.
- Vaile, E. E., Broadlands, Waioitapu.
- \*Vaile, H. E., Queen Street, Auckland.
- Veale, P. O., B.Sc., 1, Beresford Street, Auckland.
- Virtue, P., Roller Mills, Quay Street, Auckland.
- Wade, Dr. Wallace, Elliott Street, New Plymouth.
- Wake, F. W., Cleave's Buildings, High Street, Auckland.
- Walklate, J. J., Town Clerk, Auckland.
- Wallace, T. F., Waihi G.M. Co., Shortland Street, Auckland.
- Ware, W., Portland Road, Remuera.
- \*Warnock, J. A., 2, King Street, Grey Lynn.
- Waymouth, G. W., Rarere Road, Takapuna.
- Wells, T. U., Westbourne Road, Remuera.
- White, P. C., S. White and Sons, Customs Street W., Auckland.
- White, R. W., Wellington Street, Auckland.
- Whitley, W. S., Albert Street, Auckland.
- Whitney, C. A., Colonial Ammunition Co., Auckland.
- Whittome, F., Newmarket.
- Williams, N. T., 71, Arney Road, Remuera.
- Williamson C., Commercial Bank Buildings, Auckland.
- \*Williamson, J. D., Northern Club, Auckland.
- Wilson, Andrew, District Surveyor, Hangatiki.
- Wilson, C. A., P.O. Box 1081, Auckland.
- Wilson, F. W., "Herald" Buildings, Auckland.
- Wilson, G. A., Wilson & Canham, Ferry Buildings, Auckland.
- Wilson, H. W., Town Clerk, Northcote.
- Wilson, John, N.Z. Insurance Buildings, Auckland.
- Wilson, J. A., A. Eady & Sons, Queen Street, Auckland.
- Wilson, J. M., Fortland Road, Remuera.
- Wilson, Liston, Upland Road, Remuera.
- Wilson, Martyn, Roselle, Lower Remuera.
- Wilson, Mrs. R. M., Russell Road, Remuera.
- Wilson, W. R., "Herald" Office, Auckland.
- Wily, H., Mauku.
- Wing, S., Hellaby's, Ltd., Shortland Street, Auckland.
- Winkelmann, H., Victoria Arcade, Auckland.
- Winkelmann, Norman G. G., 23, Hellaby's Buildings, Auckland.
- \*Winstone, F. M., Claude Road, Epsom.
- Winstone, G., Customs Street E., Auckland.
- Wiseman, F., Queen Street, Auckland.
- Wiseman, J. W., Albert Street, Auckland.
- \*Withy, E., care Auckland Institute, Auckland.

\*Wood, Right Rev. C. J., D.D.,  
Bishop of Melanesia, England.

Woollams, W. H., Queen Street,  
Auckland.

Worley, Professor F. P., D.Sc.,  
University College, Auckland.

Wright, R., A. B. Wright &  
Sons, Commerce Street, Auckland.

Wright, R., Seabrook Avenue,  
New Lynn.

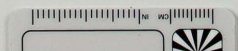
Wyllie, A., C.E., City Electrical  
Engineer, Auckland.

Yates, E., Albert Street, Auckland.

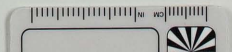
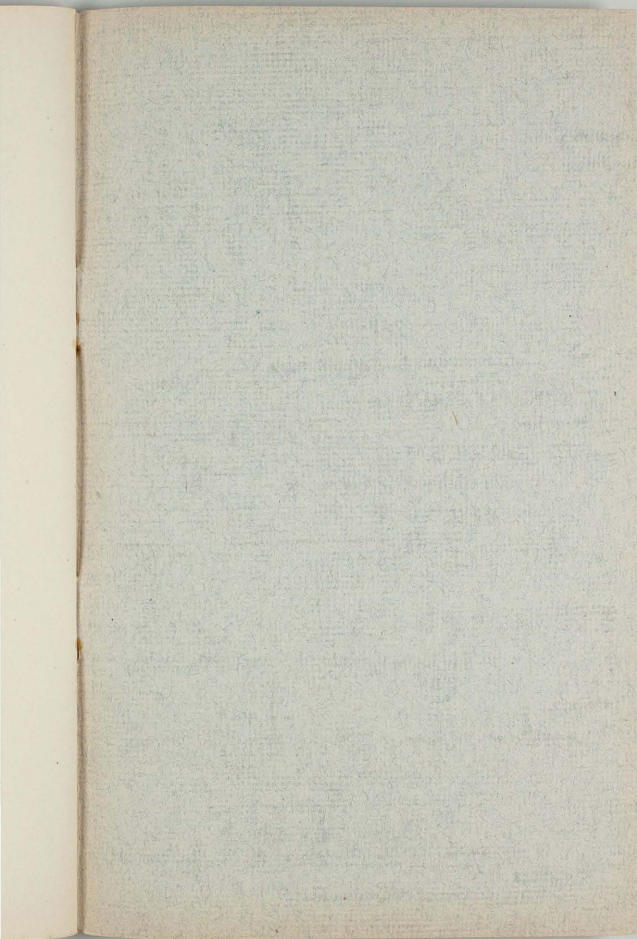
Young, J. L., Henderson & Macfarlane,  
Customs Street, Auckland.



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